

Recombinant Human CDYL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CDYL-6602H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDYL MS Standard C13 and N15-labeled recombinant protein (NP_736608) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Chromodomain Y is a primate-specific Y-chromosomal gene family expressed exclusively in the testis and implicated in infertility. Although the Y-linked genes are testis-specific, this autosomal gene is ubiquitously expressed. The Y-linked genes arose by retrotransposition of an mRNA from this gene, followed by amplification of the retroposed gene. Proteins encoded by this gene superfamily possess a chromodomain, a motif implicated in chromatin binding and gene suppression, and a catalytic domain believed to be involved in histone acetylation. Multiple proteins are encoded by transcript variants of this gene.
Molecular Mass	34.4 kDa
AA Sequence	MDALTANGTTNIQTSVTGVTASKRKFIIDRRDQPFDKRLRFSVRQTESAYRYRDIV RKQDGFT HILLSTKSENNSLNPEVMREVQSALSTAAADDSKLVLLSAVGSVFCCGL DFIYFIRRLTDDRKRESTKMAEAI RN FVNTFIQFKKPIIVAVNGPAIGLGASILPLCDVV WANEKAWFQTPYTTFGQSPDGCSTVMFPKIMGGASANEMLLSGRKLTAQEACGKG LVSQVFWPGTFTQEVMVRIKELASCNPVVLEESKALVRCNMKMELEQANERECEVL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KKIWGSAQGTDSMLKYMQRKIDFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CDYL chromodomain Y like [Homo sapiens (human)]

Official Symbol CDYL

Synonyms CDYL; chromodomain protein, Y-like; chromodomain protein, Y chromosome like; chromodomain Y-like protein; CDY like; autosomal; CDYL1; DKFZP586C1622; testis specific chromodomain Y like protein; CDY-like, autosomal; testis-specific chromodomain Y-like protein; MGC131936; DKFZp586C1622;

Gene ID 9425

mRNA Refseq NM_170752

Protein Refseq NP_736608

MIM 603778

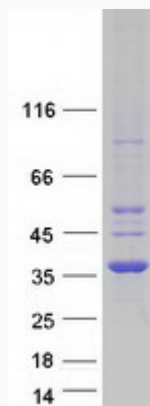
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q9Y232

SDS-PAGE Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA